Date: Mon, 23 Aug 93 04:30:23 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V93 #19
To: Ham-Equip

Ham-Equip Digest Mon, 23 Aug 93 Volume 93 : Issue 19

Today's Topics:

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 22 Aug 1993 19:36:45 GMT
From: swrinde!cs.utexas.edu!math.ohio-state.edu!magnus.acs.ohio-state.edu!
cis.ohio-state.edu!news.sei.cmu.edu!bb3.andrew.cmu.edu!crabapple.srv.cs.cmu.edu!
tew@network.ucsd.edu
Subject: 10GHz microwave stuff for sale
To: ham-equip@ucsd.edu

I have some 10GHz microwave equipment I would like to sell to someone
who could make use of it.

 2 "Solfan" GunnPlexors with 108-135 MHz bandpass filters/pre-amps
    attached, together with external demodulator built along
    Glenn Elmore's design. Both Gunnplexors have had their Gunn
    diodes replaced and now give between 20-50mW output when tuned.
    Asking $65 each, $100 for the pair

 1 Macomm 10GHz Gunnplexor, 100mW output, together with power supply
    and pre-amp/bandpass filter on the detector diode

Asking $170

1 24" spun aluminum dish antenna with Gunnplexor mounting brackets; I currently have one of the two Solfan units attached.
Asking $60

2 4"x3"x3" pyramidal horn antennas for use with the 10GHz Gunnplexors
Asking $20 each

1 Radio Shack X/K band radar detector, case is a bit beat up but works fine.
Asking $40

I had attempted to build a reliable microwave link between school and home, but the complexities of building a working system, combined with the RF noise next to a major medical center, combined with a thesis to write, have conspired to make it impossible for me to finish.

I finally gave up and purchased 2 commercial microwave units by Solectek that give good 2Mbps performance, and I'm left with the 10GHz stuff. While I'd dearly love to finish it myself, I have neither the time, nor the space in my apartment to store it.

Make an offer for any or all of this, or send email with your questions.
-Tom

Date: Mon, 23 Aug 1993 05:46:47 GMT
From: news.Hawaii.Edu!news@ames.arpa
Subject: Address of Standard Comms
To: ham-equip@ucsd.edu

Could someone please send me the address or phone number of
Standard Communications Corp?
Thanks so much.

Jeff NH6IL, jherman@Hawaii.Edu

Date: Wed, 18 Aug 1993 08:46:18 GMT
From: munnari.oz.au!spool.mu.edu!cass.ma02.bull.com!minerva1!
abottone@network.ucsd.edu
Subject: ICOM IC-R7100 users out there ????
To: ham-equip@ucsd.edu

I'd like to get in touch with ICOM IC-R7100 users that can recommend

or NOT recommend this receiver/scanner. Anyone using the optional
FC-7000DX LF-HF converter and the optional CI-V computer interface?
How do these perform ?

I am tempted to set it up this way to cover from 10Khz to 2000Mhz with
one single receiver. Anyone can tell me what risks I am facing? Do
converters in general and this converter in particular perform fairly
well for serious shortwave DXing? Should I go with two receivers?

Last but not least ... what is the best US price I can get ? Are there
mail order houses with good reputation you can recommend ?

Thanks, please e-mail

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* Bulltx: /BULLX/IT12X/BOTTONELLI A. | Fax: +39-(0)2-6779-8463 *

Date: Mon, 23 Aug 1993 10:38:56 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!torn!csd.unb.ca!UPEI.CA!
seeler@network.ucsd.edu
Subject: Radio / Computer Control Interface
To: ham-equip@ucsd.edu

I am interested in building two of the radio/computer interfaces described
in the February 1993 issue of QST by Wallace, AA8DX. I would like to try
to do this without ordring the kit at this point. In order to do so
I need to obtain some information regarding the DUAL Receive/Transmitt
RS232-C Chip. The author uses Maxim's MAX232CPE and suggests that Harris's
ICL232 will do as well. I have yet to find these chips in Canada. Do any
of the Canadian readers know of a supplier for them - OR, alternatively,
are there duplicate chips handled by better known (CDN) companies
such as Motorola or National Semiconductor etc. Any suggestions are
very much appreciated. The same question applies to the optoisolators
used for the Kenwood Interface - Are there standard replacement parts for
the PS2501-1NEC units? Interestingly, a previous article in QST did not use
isolators but the current author infers that they should be there.

ANy help - or even a regular phone number for CW Enthusiasts in Columbus Oh
would be greatly appreciated.

Thankyou for taking the time to read this request.

73 David , VY2DCS
Internet: Seeler@UPEI.CA

Date: 22 Aug 93 20:39:44 GMT
From: swrinde!elroy.jpl.nasa.gov!news.claremont.edu!ucivax!
gateway@network.ucsd.edu
Subject: Want Ten Tec OMNI elmer / help!
To: ham-equip@ucsd.edu

Anyone out there familiar (or want to become familiar) with the older
OMNI ? I have an OMNI-D series C, the precursor to the Corsair. I
am having some funny (read: hard to diagnose) problem that is driving
me completely nuts.

Briefly, I have 50 db less receive on ONE band only. 160 meters is
way down, all the other bands seem OK, they may be down a little,
but not much. The "resonate" control (preselector) will peak in the
160 meter band, but it peaks much higher towards the bottom of the
160 range, and loses sensitivity rapidly above 1.8. The receive antenna
seems to come through the pin diode attenuator (which seems to work
normally....) and then to the RX trimmer board with some fixed caps
and a trimmer cap. I have replaced the 160 meter caps. It is not
them. Then the signal goes to the RF amp which seems to be a parallel
tuned inductance for adjustment

I know the problem has to be in there, for when I connect the antenna to
the mixer directly, I have plenty of signal on 160 (perhaps the solution
is to wire the antenna directly there for 160, hi hi).

So, how does a pin diode work for an attenuator? Is leakage on one
frequency possible? AND, could the parallel tuned inductors have come
out of sync in such a way as to affect only 160 at one end of the band?

.........help!!!! I really like the radio a lot, and I want to use it
on 160 as well as all the other bands.

73

Clark
.....

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Admitted to practice law in California, Massachusetts, and New York.
ARRL Volunteer Counsel

End of Ham-Equip Digest V93 #19
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